



GLAST Monthly PSR

LAT Instrument

B. Graf
Instrument Manager
- 1



Accomplishments



- ***Completed XLAT electronics box thermal design peer review***
 - ***drawing package and “official” stress analysis prevented us from declaring victory***
 - ***concern over the validation of the thermal model being worked***
- ***Completed Calorimeter EM beam testing in Germany***
- ***Tracker ASIC data transfer and TOT problems resolved***
 - ***in fabrication expected delivery mid-January***
- ***Tracker EM vibe testing in Italy stopped pre-maturely***
 - ***failure review underway; GRID interface major concern***
 - ***thermal testing of EM in jeopardy***
- ***Calorimeter DPD issues resolved flight parts flowing***
 - ***flight CDE production ready to start***
- ***Re-baseline input to PMCS essentially complete***
 - ***CCRs at SLAC and Project signed and RFP eminent***
 - ***schedules full and summary expected Dec. 19***



ACCOMPLISHMENTS (con't)

- ***Radiation testing of ACD ASIC, MAX 145 (ADC) and MAX 5121 (DAC) resulted in issues***
 - ***ASIC: reviewing data/compare with previous results; setting up a plan to resolve***
 - ***Converters: reviewing data/compare with previous results; compare test set-ups at laser facility at NRL***
- ***Report on FPGA review form R. Katz and Dr. R. Barto received:***
 - ***objectives not met; unresponsive SLAC interface***
 - ***needs to be re-initiated with Project supervision***
 - ***Lou has drafted our approach***
- ***Software Quick Look Review completed***
 - ***results not surprising***
 - ***EM2 software peer review to be scheduled***
- ***Mechanical TIM held at Spectrum Astro***
- ***MCM Pre-Production activities underway at Teledyne***



Issues/Problems

- *SCHEDULE - SCHEDULE - SCHEDULE*
 - *Re-baseline scheduling adjustments and review underway*
- *Software Development*
- *Tracker EM testing*
- *Late confirmation of electrical design with FSW*
 - *full scale mock-up being assembled; includes everything but sensors i.e. TEMS, GASU, PDU, 5PCI crates with CPUs and SIBs*
 - *GASU not ready till February*
- *Delay in reaching "CDR status"*

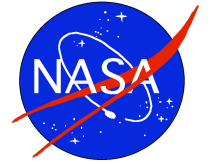


Upcoming Events

- *December Monthly scheduled for the 15 th*
- *MRRs*
 - *GRID*
 - *X LAT Plate*
 - *Flexcable*
- *Expect to see EGSE move from Elec to sub-systems in December*
 - *TEM*
 - *TEM power supply*
- *EM2 Flight Software Peer Review*
- *SLAC shut down from December 19 till January 5, 2004*



Rolling Wave Schedule



see attached.